

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052622\
 Data File : VX028988.D
 Acq On : 26 May 2022 10:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/27/2022
 Supervised By : Mahesh Dadoda 05/31/2022

Quant Time: May 27 07:30:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	269468	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	427129	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	398396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	209308	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	179240	48.525	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.040%		
35) Dibromofluoromethane	5.385	113	153785	54.953	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	109.900%		
50) Toluene-d8	8.653	98	560140	53.090	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.180%		
62) 4-Bromofluorobenzene	11.079	95	229713	58.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	116.580%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	162054	45.928	ug/l	98
3) Chloromethane	1.294	50	139856	42.088	ug/l	98
4) Vinyl Chloride	1.374	62	157527	43.990	ug/l	100
5) Bromomethane	1.599	94	145955	58.589	ug/l	99
6) Chloroethane	1.679	64	104441	46.129	ug/l	98
7) Trichlorofluoromethane	1.886	101	250892	43.945	ug/l	99
8) Diethyl Ether	2.130	74	94609	45.478	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	150360	50.047	ug/l	99
10) Methyl Iodide	2.453	142	173626	48.271	ug/l	95
11) Tert butyl alcohol	2.965	59	193872	247.229	ug/l	96
12) 1,1-Dichloroethene	2.319	96	133364	47.820	ug/l	97
13) Acrolein	2.233	56	28674	47.294	ug/l	97
14) Allyl chloride	2.660	41	216846	48.479	ug/l	96
15) Acrylonitrile	3.062	53	434621	244.213	ug/l	100
16) Acetone	2.374	43	427017	269.363	ug/l	94
17) Carbon Disulfide	2.508	76	291949	40.384	ug/l	100
18) Methyl Acetate	2.703	43	195350	49.200	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	523907	52.937	ug/l	100
20) Methylene Chloride	2.788	84	160170	48.159	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	148588	47.300	ug/l	97
22) Diisopropyl ether	3.757	45	475213	49.715	ug/l	89
23) Vinyl Acetate	3.721	43	2017007	244.772	ug/l	98
24) 1,1-Dichloroethane	3.605	63	277698	49.973	ug/l	98
25) 2-Butanone	4.550	43	602201	242.005	ug/l	97
26) 2,2-Dichloropropane	4.477	77	239207	54.901	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	185768	50.633	ug/l	97
28) Bromochloromethane	4.897	49	101572	43.424	ug/l	98
29) Tetrahydrofuran	5.001	42	369715	228.575	ug/l	95
30) Chloroform	5.093	83	306027	50.885	ug/l	97
31) Cyclohexane	5.471	56	231773	45.205	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	270594	51.538	ug/l	98
36) 1,1-Dichloropropene	5.690	75	214475	51.026	ug/l	100
37) Ethyl Acetate	4.708	43	220362	50.194	ug/l	99
38) Carbon Tetrachloride	5.678	117	238337	56.344	ug/l	99
39) Methylcyclohexane	7.379	83	258696	53.667	ug/l	96
40) Benzene	6.038	78	632124	52.328	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	125489	53.310	ug/l	94
42) 1,2-Dichloroethane	6.086	62	233182	52.332	ug/l	99
43) Isopropyl Acetate	6.336	43	358841	52.246	ug/l	98
44) Trichloroethene	7.123	130	180709	55.158	ug/l	96
45) 1,2-Dichloropropane	7.428	63	163564	54.269	ug/l	97
46) Dibromomethane	7.580	93	118279	52.549	ug/l	97
47) Bromodichloromethane	7.824	83	238436	57.058	ug/l	99
48) Methyl methacrylate	7.690	41	176648	53.241	ug/l	93
49) 1,4-Dioxane	7.659	88	76485	922.758	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	1160905	256.605	ug/l	97
52) Toluene	8.720	92	424082	54.573	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	251421	52.193	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	273841	58.239	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	177824	56.118	ug/l	98
56) Ethyl methacrylate	9.116	69	276947	57.715	ug/l	93
57) 1,3-Dichloropropane	9.311	76	295863	55.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	590313	251.272	ug/l	97
59) 2-Hexanone	9.433	43	903780	257.128	ug/l	96
60) Dibromochloromethane	9.525	129	190546	61.658	ug/l	96
61) 1,2-Dibromoethane	9.610	107	187950	56.473	ug/l	99
64) Tetrachloroethene	9.275	164	166001	55.177	ug/l	98
65) Chlorobenzene	10.079	112	469307	55.528	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	178379	59.580	ug/l	99
67) Ethyl Benzene	10.195	91	826998	54.591	ug/l	98
68) m/p-Xylenes	10.305	106	649548	110.133	ug/l	99
69) o-Xylene	10.640	106	323894	55.779	ug/l	100
70) Styrene	10.659	104	553458	58.692	ug/l	98
71) Bromoform	10.799	173	138642	55.663	ug/l	99
73) Isopropylbenzene	10.963	105	855846	53.919	ug/l	99
74) N-amyl acetate	10.842	43	315366	50.544	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	283404	52.045	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	263325m	53.720	ug/l	
77) Bromobenzene	11.201	156	207529	55.257	ug/l	98
78) n-propylbenzene	11.305	91	986768	53.744	ug/l	99
79) 2-Chlorotoluene	11.366	91	605861	53.838	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	737681	55.775	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	83099	50.530	ug/l	92
82) 4-Chlorotoluene	11.457	91	701777	53.943	ug/l	100
83) tert-Butylbenzene	11.713	119	746159	58.268	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	736415	55.524	ug/l	100
85) sec-Butylbenzene	11.890	105	919341	58.201	ug/l	100
86) p-Isopropyltoluene	12.012	119	791680	59.729	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	409931	55.648	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	409315	53.569	ug/l	98
89) n-Butylbenzene	12.335	91	671636	58.482	ug/l	99
90) Hexachloroethane	12.542	117	126937	59.221	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	403864	55.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62490	53.744	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	258879	61.938	ug/l	98
94) Hexachlorobutadiene	13.725	225	110572	65.119	ug/l	95
95) Naphthalene	13.774	128	861568	57.927	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	253357	60.353	ug/l	96

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

